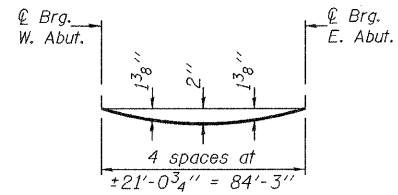


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 5 20 SHEETS
FAP 761	104-BR-2	GREENE	82	54	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

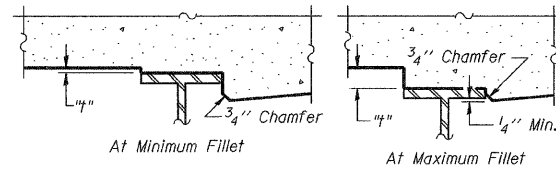
Contract #76987



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheet 6 of 20.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted For Dead Load Deflection" shown below and on sheets 6 of 20, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

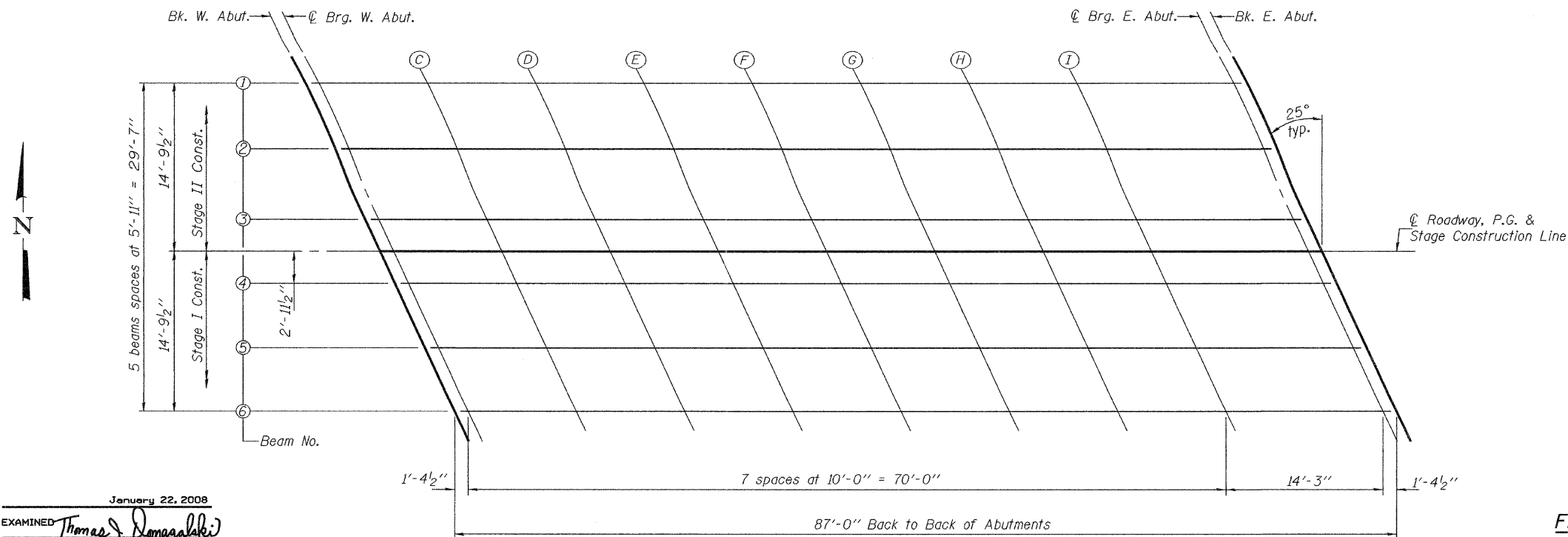
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	112308.10	-14.79	517.24	517.24
☉ Brg. W. Abut.	112309.48	-14.79	517.25	517.25
C	112319.48	-14.79	517.34	517.40
D	112329.48	-14.79	517.42	517.54
E	112339.48	-14.79	517.50	517.64
F	112349.48	-14.79	517.58	517.74
G	112359.48	-14.79	517.65	517.80
H	112369.48	-14.79	517.72	517.85
I	112379.48	-14.79	517.79	517.87
☉ Brg. E. Abut.	112393.72	-14.79	517.88	517.88
Bk. E. Abut.	112395.10	-14.79	517.89	517.89

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	112310.86	-8.88	517.37	517.37
☉ Brg. W. Abut.	112312.24	-8.88	517.38	517.38
C	112322.24	-8.88	517.47	517.53
D	112332.24	-8.88	517.55	517.67
E	112342.24	-8.88	517.63	517.77
F	112352.24	-8.88	517.71	517.87
G	112362.24	-8.88	517.78	517.93
H	112372.24	-8.88	517.85	517.98
I	112382.24	-8.88	517.92	518.00
☉ Brg. E. Abut.	112396.48	-8.88	518.01	518.01
Bk. E. Abut.	112397.86	-8.88	518.01	518.01

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	112313.62	-2.96	517.49	517.49
☉ Brg. W. Abut.	112315.00	-2.96	517.50	517.50
C	112325.00	-2.96	517.58	517.64
D	112335.00	-2.96	517.67	517.78
E	112345.00	-2.96	517.74	517.88
F	112355.00	-2.96	517.82	517.98
G	112365.00	-2.96	517.89	518.04
H	112375.00	-2.96	517.96	518.09
I	112385.00	-2.96	518.03	518.11
☉ Brg. E. Abut.	112399.24	-2.96	518.11	518.11
Bk. E. Abut.	112400.62	-2.96	518.12	518.12



PLAN

DESIGNED	Stephen M. Ryan
CHECKED	Michael D. Rolape
DRAWN	BECKY M. LEACH
CHECKED	SMR/MDR

January 22, 2008
EXAMINED *Thomas J. Domagala*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. ROUTE 761 - SECTION 104-BR-2
GREENE COUNTY
STATION 1123+58.50
STRUCTURE NO. 031-0042